

Re: Support of CB-15-2022

Dear Prince George's County Council:

My name is Joseph Jakuta, I live in Mount Rainier, MD and a resident of Prince George's County for over 17 years. I also serve on the Residential Advisory Group for the Prince George's County Climate Action Commission and Climate Change Action Plan Focus Workgroup for Prince George's County Public Schools.

The median age of a home in Prince George's County is about 45 years old.¹ Nationally, goals have been set for 50% of all new vehicle sales to be electric by 2030.² Additionally, the State of Maryland is a participant in the California Zero Emission Vehicle program and there is a current proposal to require 100% of new vehicles sold to be electric by 2035 through that program.³ This means a lot more electric vehicles will be on Prince George's roads and it is more likely than not that a vehicle bought in 2035 will be electric. Our residents will need to be able to charge these cars at their homes.

CB-15-2022 aims to start to solve this problem going forward. By mandating that new residential construction includes EV charging it will save home owners money in the long-term. Strictly looking at installation costs it is four times more expensive to retrofit a home with EV charging than it is to have a charger installed from the start.⁴ But this upfront cost would be absolutely minimal to the price of a home, amounting to about 0.2% of the current median single family home price in Prince George's County.⁵ The cost to install a Level 2 vehicle charger in a new home is about the same as putting a stove in that same house.

Could you imagine having to spend thousands of dollars to upgrade the electrical systems on a ten year old home in 2035 to accommodate a new vehicle which at this point is more than likely to be electric? The Prince George's County Council has an opportunity to make sure that doesn't happen. By passing CB-15-2022 the Council will be requiring a common sense approach that will make our housing stock more practical and desirable, further cementing us as the place to move to.

Please vote favorably on CB-15-2022.

Sincerely,

Joseph Jakuta
Mount Rainier, MD

¹ <https://flo.uri.sh/visualisation/1204305/embed>

² <https://www.dailybreeze.com/2022/04/01/a-look-at-the-sales-surge-of-electric-vehicles-and-u-s-goals-for-the-future/>

³ <https://ww2.arb.ca.gov/sites/default/files/2021-12/draft%20zero%20emission%20vehicle%20regulation%201962.4%20posted.pdf>

⁴ <https://www.swenergy.org/cracking-the-code-on-ev-ready-building-codes>

⁵ <https://www.redfin.com/county/1325/MD/Prince-George-s-County/housing-market>